

Data Brief 94. Trends in Asthma Prevalence, Health Care Use, and Mortality in the United States, 2001–2010

Data table for Figure 1. Asthma prevalence: United States, 2001–2010

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
	Percent (standard error)									
Current asthma prevalence	7.3	7.2	6.9	7.1	7.7	7.8	7.7	7.8	8.2	8.4

NOTE: Age adjusted to the 2000 U.S. standard population.

SOURCE: CDC/NCHS, National Health Interview Survey.

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**Data table for Figure 2. Asthma prevalence, by selected demographic characteristics:
United States, average annual 2008–2010**

	Percent (standard error)
Total	8.2 (0.1)
Children aged 0–17 years	9.5 (0.2)
Adults aged 18 years and over	7.7 (0.1)
Male	7.0 (0.2)
Female	9.2 (0.2)
White	7.7 (0.1)
Black	11.2 (0.3)
American Indian or Alaska Native	9.4 (1.4)
Asian	5.2 (0.4)
Multiple race	14.1 (1.0)
Total Hispanic	6.5 (0.2)
Puerto Rican	16.1 (1.0)
Mexican	5.4 (0.3)
Less than 100% poverty	11.2 (0.3)
100% to less than 200% poverty	8.7 (0.2)
200% or more of poverty	7.3 (0.1)

SOURCES: CDC/NCHS, Health Data Interactive and National Health Interview Survey.

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Data table for Figure 3. Asthma health care encounters per 100 persons with asthma and asthma deaths per 1,000 persons with asthma: United States, 2001–2009

	2001	2002	2003	2004	2005	2006	2007	2008	2009
	Rate per persons with asthma (standard error)								
Physician office or hospital outpatient department visits per 100 persons with asthma	61.9 (9.7)	69.5 (9.7)	72.4 (10.3)	71.3 (11.3)	63.6 (10.1)	51.1 (8.3)	66.8 (10.4)	45.3 (5.2)	47.8 (6.0)
Emergency department visits per 100 persons with asthma	8.2 (0.6)	9.5 (0.8)	8.8 (0.7)	8.9 (0.8)	8.0 (0.6)	7.0 (0.6)	7.7 (0.7)	8.2 (0.8)	8.4 (0.8)
Hospitalizations per 100 persons with asthma	2.2 (0.3)	2.4 (0.3)	2.9 (0.4)	2.4 (0.3)	2.2 (0.3)	1.9 (0.3)	2.0 (0.3)	1.9 (0.3)	2.0 (0.3)
Deaths per 1,000 persons with asthma	0.21 (0.006)	0.21 (0.006)	0.21 (0.006)	0.19 (0.005)	0.17 (0.005)	0.16 (0.003)	0.15 (0.005)	0.15 (0.005)	0.14 (0.004)

SOURCES: CDC/NCHS, National Ambulatory Medical Care Survey, National Hospital Ambulatory Medical Care Survey, National Hospital Discharge Survey, National Vital Statistics System, and National Health Interview Survey.

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Data table for Figure 4. Asthma health care encounters per 100 persons with asthma, by selected demographic characteristics: United States, average annual 2007–2009

	Physician office or hospital outpatient department	Emergency department	Hospitalization
	Rate per 100 persons with asthma (standard error)		
Total	53.1 (4.3)	8.1 (0.5)	2.0 (0.2)
Male	57.6 (5.3)	8.7 (0.6)	1.8 (0.2)
Female	49.8 (4.9)	7.6 (0.5)	2.0 (0.2)
White	54.9 (5.0)	6.1 (0.4)	1.3 (0.1)
Black	56.0 (7.0)	18.4 (1.6)	2.8 (0.4)
Child	78.7 (8.4)	10.7 (0.9)	2.1 (0.3)
Adult	42.5 (3.9)	7.0 (0.4)	1.9 (0.2)

SOURCES: CDC/NCHS, National Ambulatory Medical Care Survey, National Hospital Ambulatory Medical Care Survey, National Hospital Discharge Survey, and National Health Interview Survey.

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Data table for Figure 5. Asthma deaths per 1,000 persons with asthma, by selected demographic characteristics: United States, average annual 2007–2009

	Rate per 1,000 (standard error)
Total	0.15 (0.003)
Male	0.12 (0.004)
Female	0.16 (0.004)
White	0.13 (0.003)
Black	0.23 (0.009)
Child	0.03 (0.001)
Adult	0.19 (0.004)
0–14 years	0.03 (0.002)
15–34 years	0.05 (0.002)
35–64 years	0.15 (0.004)
65 years and over	0.58 (0.002)

SOURCES: CDC/NCHS, National Vital Statistics System and National Health Interview Survey.